

Address of Requesting Entity: 301 Sparkman Avenue, Huntsville, AL 38152

Description of Request: Virtual Environment Simulation Laboratory \$500,000.

The funding would be used for purchasing of equipment which provides UAH a new capability to support Marshall Space Flight Center (MSFC) missions by developing engineering and science applications of virtual environment simulation as well as enhancing student involvement in virtual environments. This would benefit NASA MSFC uses of the facility relevant to MSFC missions, including virtual examination of rocket engines while firing, virtual participation in spacecraft manufacturing and maintenance processes and virtual presence on the surface of the moon.

The full amount of these funds will be used to purchase equipment.

Requesting Member: ADERHOLT

Bill Number: HR 3288

Account: NASA, Cross Agency Support

Legal Name of Requesting Entity: Southern Research Institute

Address of Requesting Entity: 757 Tom Martin Drive, Birmingham, AL 35211

Description of Request: Development of characterization techniques for advanced high temperature materials in space launch, \$1,000,000.

The funding of \$1 million for the "Development of Characterization Techniques for Advanced High Temperature Materials in Space Launch Applications" will enable research and developments of advanced modeling, testing and characterization techniques for advanced composite materials in extreme environments. SRI has identified several gaps in current NASA technology that if filled, will greatly assist analysts and designers to successfully utilize composites in advanced structural and thermal protection system applications and reduce overall program risk.

\$350,000 to be spent on equipment and material purchases, \$400,000 to be spent on materials research and analysis, \$200,000 to be spent on testing, and \$50,000 to be spent on program management.

Requesting Member: ADERHOLT

Bill Number: HR 3288

Account or Provision: NASA, Cross Agency Support

Legal Name of Requesting Entity: B.G. Smith & Associates, Inc.

Address of Requesting Entity: 555 Sparkman Drive, Suite 810, Huntsville, AL 35816

Description of Request: Product life-cycle management and advanced modeling and simulation methods, \$1,000,000.

The program seeks to create an integrated and interoperable Product Lifecycle environment as it relates to engineering and manufacturing capabilities and to perform focused critical analyses on flight vehicle performance issues. To move MSFC in the direction leading to modernizing its systems, streamline operations, increase traceability, decrease costs, gain better insight, and increased aerospace manufacturing expertise.

The funding would be used for about 6 full time employees, to purchase some hardware and cost associated with PLM software.

HONORING DR. LAWRENCE B. SCHOOK

### HON. TIMOTHY V. JOHNSON

OF ILLINOIS

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, December 9, 2009*

Mr. JOHNSON of Illinois. Madam Speaker, I rise today to honor the achievements of Dr. Lawrence B. Schook, who recently led an international team in the sequencing of the swine genome. Dr. Schook is a distinguished Guggenheim Professor and Director of the Division of Biomedical Sciences at the University of Illinois at Urbana-Champaign where he has spent the past nine years researching genetic resistance to disease, regenerative medicine, and using genomics to create animal models for biomedical research.

The draft sequence will allow researchers to pinpoint genes that are useful to pork production or are involved in immunity or other important physiological processes in the pig. It will enhance breeding practices, offer insight into diseases that afflict pigs (and, sometimes, also humans) and will assist in efforts to preserve the global heritage of rare, endangered and wild pigs. It also will be important for the study of human health because pigs are very similar to humans in their physiology, behavior and nutritional needs.

With the growth of our world's population and subsequent rise in interaction between both domesticated and wild animals it is imperative that we continue to fund researchers such as Dr. Schook. The recent outbreak of H1N1 is a great reminder that the work of Dr. Schook and his colleagues is of utmost importance, not only to our world's food supply, but to our health as well.

I would ask that my colleagues join me in congratulating Dr. Schook, the University of Illinois at Urbana-Champaign, and all of the team members under Dr. Schook who made this discovery possible.

HONORING SCOTTS BLUFF NATIONAL MONUMENT ON ITS 90TH BIRTHDAY

### HON. ADRIAN SMITH

OF NEBRASKA

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, December 9, 2009*

Mr. SMITH of Nebraska. Madam Speaker, I rise today to join in honoring the Scotts Bluff National Monument—which will be celebrating its 90th anniversary this Saturday.

On December 12th, 1919, President Woodrow Wilson signed a Presidential Proclamation, officially establishing Scotts Bluff National Monument on approximately 2,000 acres.

One of the highest points in Nebraska, Scotts Bluff played an important role in our country's westward expansion. A natural landmark, the formation served as a point of reference for travelers on the Oregon, California, Mormon, and Pony Express Trails.

Today, visitors to the monument can hike the Saddle Rock Trail, see a magnificent view from the summit, visit the Oregon Trail Museum and Visitor Center, and even relive life on the Oregon Trail during special "Living History" programs during the summer. The north face of the monument shows more geological

history than any other formation in Nebraska, spanning a time period extending millions of years.

Having grown up in the shadow of the monument, I know full well just how important this monument has been for our country, for Nebraska, and for the local economy. It is with great pleasure I join with all Nebraskans to celebrate the 90th birthday of such an icon.

RECOGNIZING MR. ROY FOSTER AS A 2009 TOP 10 CNN HERO

### HON. ALCEE L. HASTINGS

OF FLORIDA

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, December 9, 2009*

Mr. HASTINGS of Florida. Madam Speaker, I rise today to honor a courageous veteran turned social activist, Mr. Roy Foster. Mr. Foster is the founder of Stand Down House, an organization in South Florida that has been providing veterans with life-changing assistance since 2000. His hard work and dedication has earned him the esteemed distinction of 2009 Top 10 CNN Hero. CNN Heroes is an annual awards ceremony that recognizes "everyday people changing the world." Mr. Foster was one of ten CNN Heroes chosen by a blue-ribbon panel of distinguished leaders and humanitarians, including Retired General Colin Powell, Whoopi Goldberg, and Sir Elton John, from an initial pool of more than 9,000 viewer nominations.

Mr. Foster knows all too well how hard it is to find programs that help veterans deal with addiction and homelessness because he used to be one of them. Born in rural Georgia, Mr. Foster joined the Army right after high school. Throughout his six years in the military, he drank alcohol and experimented with drugs. By the time he left the Army in 1980, Mr. Foster was an alcoholic and his drug use had begun to escalate as he struggled to deal with life after the Army. Like many people dealing with addiction, Mr. Foster spent nights sleeping on the streets as he battled his disease for many years.

After starting a life of sobriety in the early 1990s, Mr. Foster used his experiences to become an effective substance abuse counselor. Acknowledging the problems that veterans dealing with substance abuse face, Mr. Foster and another veteran, the late Don Reed, established the non-profit Faith\*Hope\*Love\*Charity, Inc. so that veterans would no longer fall through the cracks of an imperfect system.

After six years of work, Mr. Foster founded Stand Down House to help fellow veterans who are struggling and have lost their homes, dignity, and the ability to lead productive lives. Through referral by the Veterans Administration (VA) and with help from their funding, Stand Down House provides transitional housing and support services to 45 veterans in different stages of recovery. This support includes housing, clothing, counseling, life skills classes for up to two years, and transportation to the VA hospital for medical and mental health care. The goal is to not only assist veterans in their recovery process, but give them the tools to find employment or attend school after their recovery process is over.

At Stand Down House, veterans realize that they are not alone in their struggles after returning home, which allows for veterans of all